

## GILA RIVER BASIN

09482370 NORTH FORK AIRPORT WASH NEAR TUCSON, AZ

LOCATION.--Lat 32°06'40", long 110°54'30", NE<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub> sec.21, T.15 S., R.14 E., Pima County, Hydrologic Unit 15050301, at Hughes Access Road, 2.5 mi south of U.S. Highway 80, and 1 mi east of Tucson city limits.

DRAINAGE AREA.--6.65 mi<sup>2</sup>, of which 1.37 mi<sup>2</sup> is noncontributing and/or distributary flow.

### Annual peak discharges

Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes	Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes
1961	08-22-61	<sup>1</sup> 1,350	HP	1973	10-19-72	230	
1965	00-00-65	<sup>2</sup> 650		1974	07-08-74	<sup>1</sup> 1,030	
1966	07-28-66	100	ES	1975	07-12-75	10	LT
1967	07-17-67	30	ES	1976	09-25-76	700	
1968	08-19-68	370		1977	11-11-76	70	
1969	09-15-69	40		1978	01-15-78	115	
1970	07-19-70	190		1979	00-00-79	0	
1971	10-02-70	450		1980	09-07-80	460	
1972	08-12-72	130					

<sup>1</sup>Highest since 1956.

<sup>2</sup>Highest since 1961.

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft <sup>3</sup> /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50	100
50%	20%	10%	4%	2%	1%
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Weighted skew	(logs) =	---			
Mean	(logs) =	---			
Standard dev.	(logs) =	---			

### Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
40.6	4.6	2,780	3.0	1.0	10.8	1.8	3.9

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